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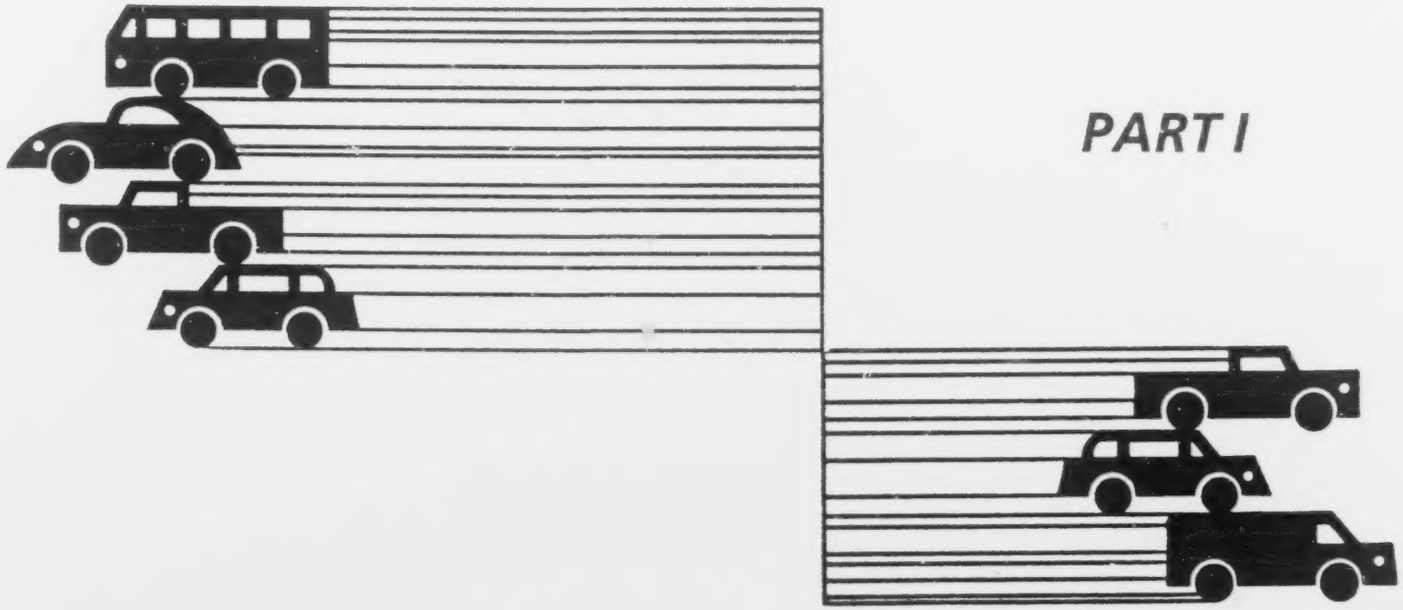
PLACE OF WORK FROM THE 1980 CENSUS

A SUMMARY REPORT ON COMMUTING PATTERNS IN OKLAHOMA COUNTIES



PART I

COMPILED BY

OKLAHOMA DEPARTMENT OF ECONOMIC AND COMMUNITY AFFAIRS

OKLAHOMA STATE DATA CENTER

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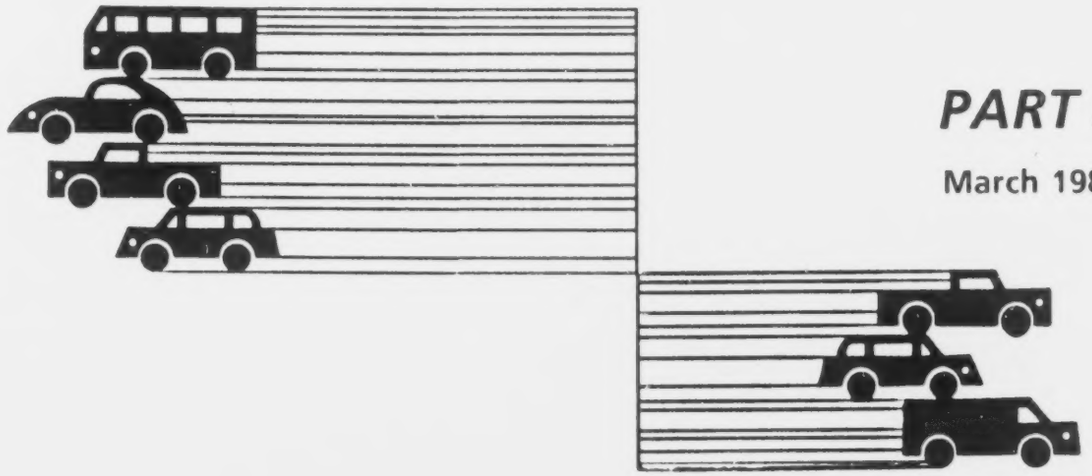

PART I

March 1984

COMPILED BY

OKLAHOMA DEPARTMENT OF ECONOMIC AND COMMUNITY AFFAIRS

Oklahoma State Data Center

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COMMUTING
(PLACE OF WORK)

This report is Part I of a two part report based on the 1980 Census on commuting patterns in the State of Oklahoma. It contains a summary of the major work areas by county of residence. A work area may be a county, city or central business district (CBD). The total number of persons who work inside and outside a county of residence are reported as well as those who did not report a place of work. Part II of this report will provide data by county work areas, including the number of commuters traveling into a county to work, the number leaving a county to work elsewhere, and the resultant net-commuting.

Highlights of Data

The total number of workers in the state for 1980 was 1,284,962, however, only 1,180,731 reported a place of work . A majority of those persons who did report a place of work actually worked inside their county of residence (76.3%), while only 15.6% worked outside their county of residence.

Cleveland county has the largest number of persons commuting with 29,523 persons working outside the county. It has more than twice the commuters than the next largest commuting county, Canadian county, which has 11,633 persons working outside the county. Cleveland county also has the largest number of commuters going to a single major work area. There are 25,502 Cleveland county residents commuting to Oklahoma City with 3,626 of these workers going to the Oklahoma City central business district (CBD).

Other counties with large populations of commuters traveling outside their county to work in CBD's are: Canadian (1,038), Pottawatomie (406) and McClain (318) to the Oklahoma City CBD, and Osage (1,189), Creek (1,126), Wagoner (869) and Rogers (867) to the Tulsa CBD. With its 69 commuters, Cimarron county is the only county with less than 100 persons working outside the county. In four counties, more residents work outside the county than inside: Canadian, McClain, Rogers and Wagoner.

Place of Work Defined

Place of work is defined as the geographic location of the plant, office, store, or other establishment where a person worked most last week (reference week of 1980 Census). This location was ascertained for persons who worked the week previous to the Census enumeration (ususally the last week of March 1980) and was tabulated for persons 16 years old and over, including both civilian employed and Armed Forces at work. These data were obtained on a sample basis from the long-form questionnaire, an approximate 1 in 6 sample (of which only half were coded).

If a person worked at more than one location for the same employer, the exact address of the location or branch where the respondent worked was requested. Persons working at more than one job were asked to report the location of the job at which they worked the greatest number of hours during the census week.

Abbreviations Used in this Report

Remainder of County (Rem. of Co.) -Shows the number of persons commuting from one county to another county but not to any cities already specified.
Remainder of City (Rem. of City)- Shows the number of persons commuting from a county to a large city work area but not to that city's CBD.
City(pt.) Co.- (Specified when a city falls in more than one county.) Shows the number of persons commuting from a county to a city but only to the part of that city that is in the county named.

Limitations

Up to 20 separate work locations were recognized in the Census tabulations. The same 20 locations are used throughout each SMSA, but vary from SMSA to SMSA and from county to county in nonmetropolitan areas. In these tables, only the top five major work areas outside the county of residence are given, and only areas with more than 50 persons commuting, except for Cimarron and Harmon counties, are given. It should be noted that place-of-work tabulations in this report do not necessarily give the total number of persons who work in a specified area, only those who reside within the county summarized.

Anyone wanting further information on place-of-work data by county or needing a complete listing of the top twenty places of work by county may contact the Oklahoma State Data Center, 4545 N. Lincoln, Suite 285, Oklahoma City, Okla. 73105 or (405) 528-8200.

PLACE OF WORK :1980

COUNTY	WORK INSIDE COUNTY	WORK OUTSIDE COUNTY	NOT REPORTED	WORK AREA 1	WORK AREA 2	WORK AREA 3	WORK AREA 4	WORK AREA 5
ADAIR	4,325	1,453	330	Siloam Springs city, AK. 592	Cherokee Co. 227	Rem. of Benton Co., AK. 179	Rem. of Wash. Co., AK. 178	Delaware Co. 58
ALFALFA	2,293	336	134	Enid city 92	Major Co. 78	Woods Co. 57		
ATOKA	2,558	776	466	Durant city 123	Rem. of Bryan Co. 96	Pittsburg Co. 86	Johnston Co. 70	Coal Co. 68
BEAVER	1,890	558	405	Liberal city, KS. 199	Ochiltree Co., TX. 65	Harper Co. 65	Rem. of Seward Co., KS. 55	
BECKHAM	6,099	799	446	Washita Co. 216	Roger Mills Co. 117	Custer Co. 106	Harmon Co. 85	
BLAINE	3,775	672	575	Canadian Co. 127	Custer Co. 102	Major Co. 82	Kingfisher Co. 78	Caddo Co. 56
BRYAN	8,506	2,166	673	Denison city, TX. 787	Rem. of Grayson Co., TX. 402	Sherman city, TX. 346	Choctaw Co. 67	Fannin Co., TX. 67
CADDO	8,103	1,538	954	Chickasha city 399	Custer Co. 267	Rem. of Comanche Co. 194	Rem. of Grady Co. 165	Lawton city 118
CANADIAN	10,358	11,633	2,819	Rem. of OKC city 8,756	OKC CBD 1,038	Bethany city 452	Rem. of OK Co. 272	Edmond city 100
CARTER	15,144	994	1,259	Murray Co. 170	Love Co. 165	Rem. of Stephens Co. 96	Marshall Co. 94	
CHEROKEE	7,333	2,127	757	Muskogee city 749	Tulsa city 278	Wagoner Co. 243	Rem. of Muskogee Co. 202	Mayes Co. 117
CHOCTAW	4,246	959	385	Paris city, TX. 334	McCurtain Co. 230	Pushmataha Co. 126	Bryan Co. 79	
CIMARRON	1,233	69	272	Texas Co. 28	Morton Co., KS. 12			
CLEVELAND	29,721	29,523	4,420	Rem. of OKC city 21,876	OKC CBD 3,626	Midwest City 851	Rem. of McClain Co. 670	Rem. of Oklahoma Co. 298
COAL	1,168	514	39	Atoka Co. 160	Pontotoc Co. 138			

PLACE OF WORK: 1980

COUNTY	WORKED INSIDE COUNTY	WORKED OUTSIDE COUNTY	NOT REPORTED	WORK AREA 1	WORK AREA 2	WORK AREA 3	WORK AREA 4	WORK AREA 5
COMANCHE	40,962	1,746	9,128	Duncan city 219	Caddo Co. 217	Grady Co. 135	Wichita Falls city, TX 109	Rem. of Stephens Co. 81
COTTON	1,861	526	131	Rem. of Wichita Co., TX. 99	Lawton city 83	Rem. of Comanche Co. 78	Wichita Falls city, TX. 74	Duncan city 72
CRAIG	4,358	955	236	Miami city 182	Rogers Co. 161	Rem. of Ottawa Co. 94	Mayes Co. 93	Tulsa city 79
CREEK	11,138	10,376	1,903	Rem. of Tulsa city 6,084	Rem. of Tulsa Co. 1,318	Tulsa CBD 1,126	Sand Springs city 599	Pawnee Co. 111
CUSTER	9,723	1,127	1,245	Beckham Co. 190	Washita Co. 157	Caddo Co. 141	OKC city 128	Rem. of Canadian Co. 118
DELAWARE	4,742	2,876	412	Siloam Springs city, AK. 747	Ottawa Co. 407	Craig Co. 352	Mayes Co. 337	Rem. of Benton Co., AK. 260
DEWEY	1,685	354	115	Woodward Co. 69	Custer Co. 50			
ELLIS	1,897	436	155	Woodward city 159	Rem. of Woodward Co.99	Lipscomb Co., TX. 50		
GARFIELD	24,522	1,460	2,394	Kingfisher Co. 396	Major Co. 233	Noble Co. 119	Grant Co. 111	Logan Co. 107
GARVIN	7,932	1,536	771	OKC city (pt.) OK Co. 317	Murray Co. 172	Rem. of Carter Co. 147	Rem. of Cleveland Co. 118	Grady Co. 116
GRADY	10,048	4,028	1,327	OKC city (pt.) OK Co. 1,778	Caddo Co. 517	Rem. of Canadian Co. 285	Rem. of Stephens Co. 225	Rem. of OK Co. 217
GRANT	1,793	311	227	Enid city 116	Rem.of Kay Co.55			
GREER	1,840	369	193	Rem.of Jackson Co.125	Washita Co. 73			
HARMON	1,180	170	250	Rem. of Jackson Co. 38	Childress Co.,TX.29			
HARPER	1,533	304	233	Rem. of Woodward Co. 88	Woodward city 73			
HASKELL	2,434	915	192	Rem. of Pittsburg Co. 197	Ft. Smith city, AK. 172	Muskogee city 85	Rem. of Sebastian Co., AK. 77	McAlester city 53

PLACE OF WORK: 1980

COUNTY	WORKED INSIDE COUNTY	WORKED OUTSIDE COUNTY	NOT REPORTED	WORK AREA 1	WORK AREA 2	WORK AREA 3	WORK AREA 4	WORK AREA 5
HUGHES	3,419	988	219	Seminole Co. 311	Pontotoc Co. 143	McAlester city 108	Okfuskee Co. 64	Rem.of PittsburgCo.50
JACKSON	11,647	595	977	Greer Co. 80	Kiowa Co. 74	Wilbarger Co., TX. 61	Lawton city 56	
JEFFERSON	2,073	824	268	Duncan city 232	Rem. of Carter Co. 139	Montague Co.,TX. 101	Wichita Falls city, TX. 71	Rem. of Stephens Co. 60
JOHNSTON	2,103	:,039	367	Ardmore city 255	Marshall Co. 141	Bryan Co. 95	Murray Co. 82	Rem. of Carter Co. 81
KAY	18,772	1,119	1,709	Arkansas City, KS. 222	Noble Co. 216	Rem. of Cowley Co., KS. 123	Rem. of Osage Co. 107	Grant Co. 76
KINGFISHER	4,600	820	499	OKC city 233	Rem. of Canadian Co. 214	Blaine Co. 96	Rem. of OK Co.79	Logan Co. 64
KIOWA	3,361	741	344	Washita Co. 142	Altus City 123	Tillman Co. 94	Greer Co. 68	Caddo Co. 59
LATIMER	2,242	648	174	Rem. of Pittsburg Co. 186	Rem. of LeFlore Co. 165	McAlester city 96		
LE FLORE	7,891	4,408	946	Rem. of Ft. Smith city, AK. 2,941	Ft. Smith CBD 277	Latimer Co. 277	Rem. of Sebastian Co., AK. 119	Polk Co., AK. 91
LINCOLN	5,154	4,449	679	OKC city (pt) OK Co. 1,666	Rem. of OK Co. 486	Shawnee city 415	Stillwater city 412	Rem. of Payne Co. 370
LOGAN	5,792	4,522	895	OKC city (pt) OK Co. 2,485	Rem. of OK Co. 1,201	Kingfisher Co. 190	Midwest City 145	Noble Co. 144
LOVE	1,883	1,116	141	Ardmore city 396	Gainesville city, TX. 219	Rem. of Carter Co. 157	Rem. of Cooke Co., TX. 129	
MC CLAIN	2,922	4,290	801	Rem. of OKC city (pt), OK Co. 2,068	Norman city 906	OKC CBD 318	Garvin Co. 249	Rem. of Cleveland Co. 223
MC CURTAIN	10,277	1,146	612	Sevier Co.,AK. 333	Choctaw Co. 317	Little River Co., AK. 82	Polk Co., AK. 74	
MC INTOSH	3,163	1,524	382	Muskogee city 458	Okmulgee Co. 316	Rem. of Muskogee Co 182	Tulsa city 127	McAlester city 125
MAJOR	2,438	687	486	Enid city 236	Blaine Co. 138	Dewey Co. 76	Kingfisher Co. 54	

PLACE OF WORK: 1980

COUNTY	WORKED INSIDE COUNTY	WORKED OUTSIDE COUNTY	NOT REPORTED	WORK AREA 1	WORK AREA 2	WORK AREA 3	WORK AREA 4	WORK AREA 5
MARSHALL	2,552	591	390	Ardmore city 217	Rem. of Carter Co. 53	Bryan Co. 52		
MAYES	8,421	2,468	694	Tulsa city (pt.) Tulsa Co. 924	Rogers Co. 368	Rem. of Tulsa Co. 182	Wagoner Co. 61	
MURRAY	3,400	1,068	240	Ardmore city 207	Rem. of Carter Co. 183	Garvin Co. 167	Johnston Co. 62	Pontotoc Co. 50
MUSKOGEE	21,852	2,031	1,829	Tulsa city 697	Wagoner Co. 266	Cherokee Co. 156	Rem. of Tulsa Co. 155	Rem. of Sequoyah Co. 155
NOBLE	3,378	946	249	Stillwater city 384	Rem. of Kay Co. 139	Ponca City 101	Logan Co. 56	Rem. of Garfield Co. 51
NOWATA	2,315	1,671	254	Coffeyville city, KS. 492	Bartlesville city 446	Rem. of Mont. Co., KS. 198	Rem. of Washington, Co. 158	Rogers Co. 115
OKFUSKEE	2,203	1,095	411	Okmulgee Co.318	OKC city 160	Lincoln Co. 148	Rem. of Pott. Co. 115	Tulsa city 105
OKLAHOMA	233,245	10,112	23,009	Rem. of Canadian Co. 1,550	OKC City (pt.) Canadian Co. 1461	Norman city 1,320	Moore City 1,213	OKC city (pt.) Cleveland Co. 447
OKMULGEE	9,923	2,868	877	Tulsa city 1,469	Rem. of Tulsa Co. 338	Creek Co. 223	Okfuskee Co. 118	Rem. of Muskogee Co. 84
OSAGE	6,484	8,810	1,205	Rem. of Tulsa city 3,135	Tulsa CBD 1,189	Rem. of Tulsa Co. 1,012	Bartlesville city 933	Ponca City 841
OTTAWA	10,444	1,376	765	Cherokee Co., KS. 301	Craig Co. 217	Joplin City,MO (pt)Jasper Co. 207	Delaware Co. 151	Labetta Co., KS. 92
PAWNEE	3,323	2,337	601	Tulsa city 1,104	Rem. of Osage Co. 219	Stillwater city 199	Sand Springs city 175	Rem.of Tulsa Co.173
PAYNE	23,264	2,311	1,729	Noble Co. 504	OKC city (pt.)OK Co.261	Tulsa city 260	Logan Co. 163	Kay Co. 143
PITTSBURG	11,239	1,206	704	McIntosh Co. 374	OKC city 93	Tulsa city 79	Hughes Co. 75	Haskell Co. 70
PONTOTOC	11,001	1,233	671	OKC city 186	Garvin Co. 183	Murray Co. 100	Hughes Co. 92	
POTTAWATOMIE	13,705	6,206	1,301	Rem. of OKC city (pt),OK Co. 3,482	Seminole Co. 691	OKC CBD 406	Rem. of OK Co. 242	Norman city 240

PLACE OF WORK: 1980

COUNTY	WORKED INSIDE COUNTY	WORKED OUTSIDE COUNTY	NOT REPORTED	WORK AREA 1	WORK AREA 2	WORK AREA 3	WORK AREA 4	WORK AREA 5
PUSHMATAHA	2,810	637	202	Choctaw Co. 272	McCurtain Co. 91	LeFlore Co. 55		
ROGER MILLS	1,309	427	110	Beckham Co. 201	Dewey Co. 77	Custer Co. 54		
ROGERS	9,021	9,795	966	Rem. of Tulsa city 6358	Rem. of Tulsa Co. 1398	Tulsa CBD 867	Mayes Co. 297	Broken Arrow city 150
SEMINOLE	7,417	1,900	617	OKC city (pt.) OK Co. 371	Pontotoc Co. 272	Shawnee city 234	Midwest City 187	Hughes Co. 158
SEQUOYAH	5,880	3,807	861	Rem. of Ft. Smith city, AK. 2,607	Ft. Smith CBD 282	Muskogee city 255	Cherokee Co. 86	Rem. of Muskogee Co. 82
STEPHENS	15,879	1,414	1,118	Rem. of Carter Co. 263	Lawton city 216	Grady Co. 189	Rem. of Comanche Co.178	Jefferson Co. 112
TEXAS	6,233	961	804	Liberal city, KS. 475	Sherman Co., TX. 88	Rem. of Seward Co., KS. 81	Hansford Co., TX. 59	
TILLMAN	3,817	488	245	Lawton city 80	Altus city 66	Wilbarger Co.,TX. 64	Rem. of Comanche Co. 59	Wichita Falls city, TX 54
TULSA	200,689	7,513	17,677	Rogers Co. 1,982	Rem. of Creek Co. 664	Sapulpa city 577	Wagoner Co. 528	Bartlesville city 279
WAGONER	4,058	11,707	821	Rem. of Tulsa city 6,184	Broken Arrow city 1,530	Muskogee city 1,046	Rem. of Tulsa Co. 876	Tulsa CBD 869
WASHINGTON	18,888	1,843	1,686	Rem. of Osage Co. 689	Tulsa city (pt.) Tulsa Co. 421	Nowata Co. 115	Montogomery Co., KS. 109	Rem. of Tulsa Co. 101
WASHITA	3,824	1,398	596	Beckham Co. 475	Custer Co. 445	Kiowa Co. 182	Caddo Co. 99	Roger Mills Co.65
WOODS	3,911	636	481	Alfalfa Co. 203	Barber Co., KS. 98	Woodward Co.78	Harper Co. 70	
WOODWARD	7,463	1,409	773	Harper Co. 593	Dewey Co. 191	Ellis Co. 139		

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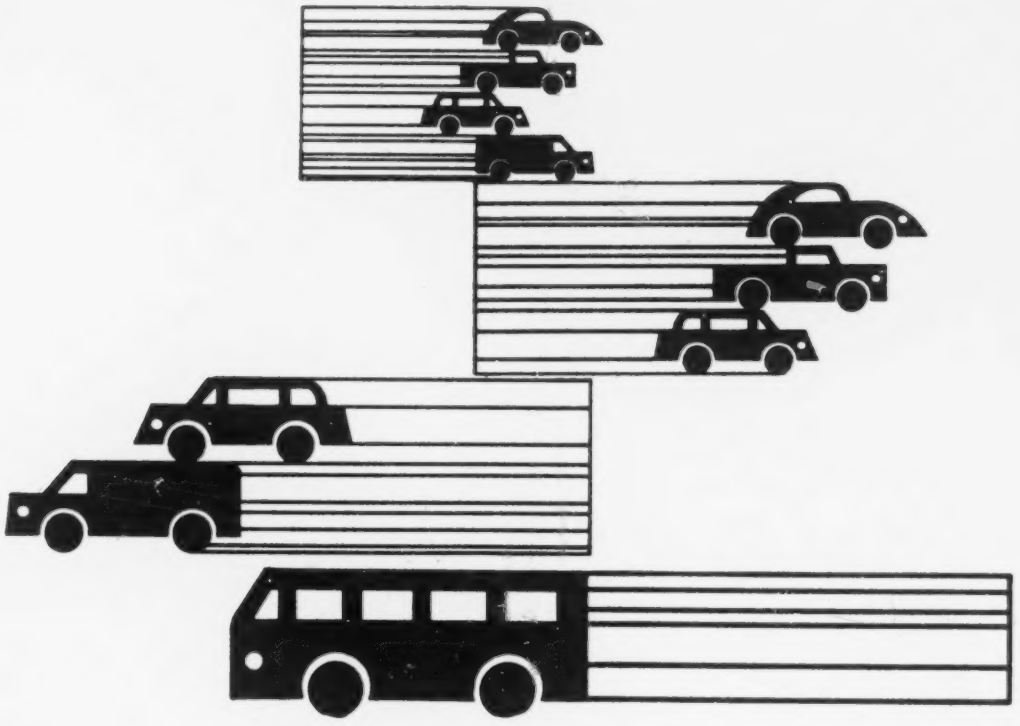

APRIL 1985

OKLAHOMA DEPARTMENT OF ECONOMIC AND COMMUNITY AFFAIRS

Information Services Division

Oklahoma State Data Center

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PLACE OF WORK

PART II

This report is Part II of a two part report on commuting patterns in the State of Oklahoma in 1980. It contains commuting flows by origin and destination for county work areas. The data, displayed in both tables and maps, show the number of persons who leave a county to work, the number of persons who come into a county to work, and the resultant net commuting.

There are three tables included in this report. Table 1 is a summary table showing commuting statistics by county of residence for 1970 and 1980. Detailed are the total number of resident workers and the number who work inside or outside the county of residence. In addition, the table shows the number of workers not reporting a place of work, the commuting rate, and the change in commuting rates from 1970 to 1980. Table 2 shows the commuting patterns between Oklahoma and its contiguous states. The final table is actually a series of tables showing for each county the commuting flows between it and other in state and out of state counties.

DEFINITIONS

Place of Work

Place of work is defined as the geographic location of the plant, office, store, or other establishment where a person worked most last week (reference week of 1980 Census). This location was ascertained for persons who worked the week previous to the Census enumeration (usually the last week of March 1980) and was tabulated for persons 16 years old and over, including both civilian employed and Armed Forces at work. These data were obtained on a sample basis from the long-form questionnaire, an approximate 1 in 6 sample (of which only half were coded).

Persons who worked at more than one location for the same employer reported the exact address of the location or branch where they worked. Persons working at more than one job reported the location of the job at which they worked the greatest number of hours during the Census week. Those who worked in several places each week gave the address at which they began work each day (if at a central place) or where they worked the most hours.

Commuter

A commuter is a worker who lives in one county but works in another.

Commuting Rate

The commuting rate of a county is the proportion of the total working population of a county that works outside the county.

Net Commuting

Net commuting is the difference between the number of workers coming into a county to work and the number of persons going out of the county to work.

Net In Commuting

Net in commuting exists when more workers are coming into a county to work than are residents leaving the county to work.

Net Out Commuting

Net out commuting takes place when fewer workers are coming into a county to work than are residents leaving the county to work.

Limitations

Since the place of work data may show a few workers who made unlikely daily work trips (e.g., workers who lived in Adair county and worked in Los Angeles, California), this report was designed to suppress such numbers. To reduce anomalies, areas listed in this report must meet at least one of the following criteria: The area must be contiguous; in and out commuting must equal at least 25 workers of which neither category is zero; or when either category has zero workers, the remaining category must be equal to or greater than 50 workers. If the remaining areas do not meet the above criteria, they are listed in the "other" category.

In comparing 1970 to 1980 place of work, the reader should be reminded that employment data was tabulated for different age groups in the two Censuses. In 1970, place of work was collected for all workers 14 years and older; in 1980, for all workers 16 years and older. A slight overstatement of commuting in 1970 compared to 1980 may thus exist.

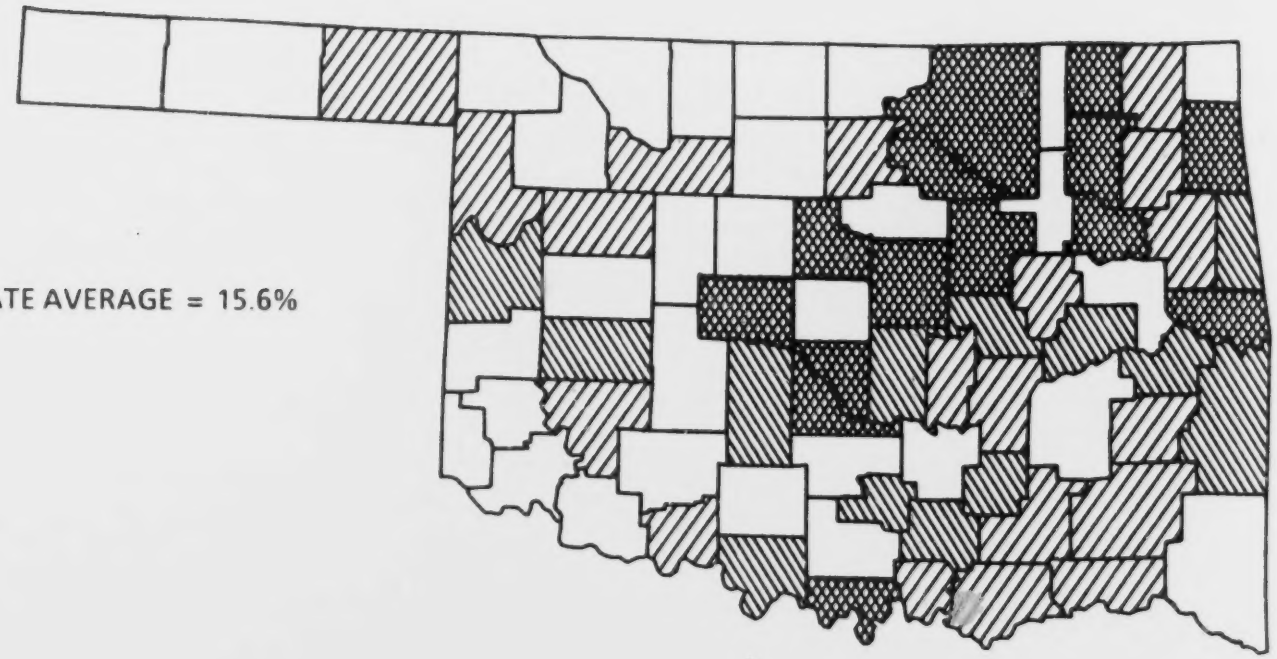
DATA HIGHLIGHTS

Commuting Patterns: 1980

The majority of counties with high commuting rates (over 35.0% in 1980) surround Oklahoma City and Tulsa, the two major metropolitan areas in the state (see Map 1). Only four counties (Delaware, Love Nowata and Sequoyah) with high commuting rates do not send workers into these two metropolitan areas. These counties, located on the state borders, send many of their commuters outside the state to work. Wagoner has the highest percentage of workers commuting in 1980, with 70.6 percent of its work force leaving the county to work. On the other hand, Tulsa county with 3.3 percent, Comanche county with 3.4 percent, and Oklahoma

MAP 1

COMMUTING RATE BY COUNTY, 1980



SOURCE: *CENSUS OF POPULATION, 1980: NUMBER OF WORKERS BY COUNTY OF RESIDENCE BY COUNTY OF WORK*

county with 3.8 percent have the lowest commuting rates in the state.

Forty-six counties have higher commuting rates than the state average of 15.6 percent. Most of these counties are located in the eastern and central part of the state. Conversely, the counties with low commuting rates are mostly located in the western portion of the state.

A low commuting rate can denote any of several different commuting patterns. For Oklahoma and Tulsa counties, it means they are major commuting centers attracting huge numbers of commuters from a large surrounding area. For a few other counties, it means they are small commuting centers receiving more commuters than they send out. For many other counties, however, it simply indicates that very little commuting is taking place. The reader can refer to the individual county tables in Table 3 for details on each county.

In the east, Muskogee, Washington, and Ottawa counties serve as small commuting centers, while in the central part of the state, Kay, Kingfisher, and Carter counties attract more commuters than they send out. Comanche, Custer, and Beckham counties are small commuting centers in the west.

Commuting Patterns: 1970

In 1970, as in 1980, Wagoner county had the highest commuting rate with 42.9 percent, but Comanche county had the lowest with 2.0 percent (see Map 2). Seven of the ten counties that had high commuting rates in 1970 (over 30.0 %) sent the majority of their commuters to Oklahoma City and Tulsa. The other three counties with high commuting rates are on the state borders. Forty-eight counties surpassed the state average commuting rate of 11.3 percent. As in 1980, the eastern and central portions of the state had more commuting than the west, and similar patterns of commuting took place. Most of the smaller commuting centers were in the eastern and central parts of the state.

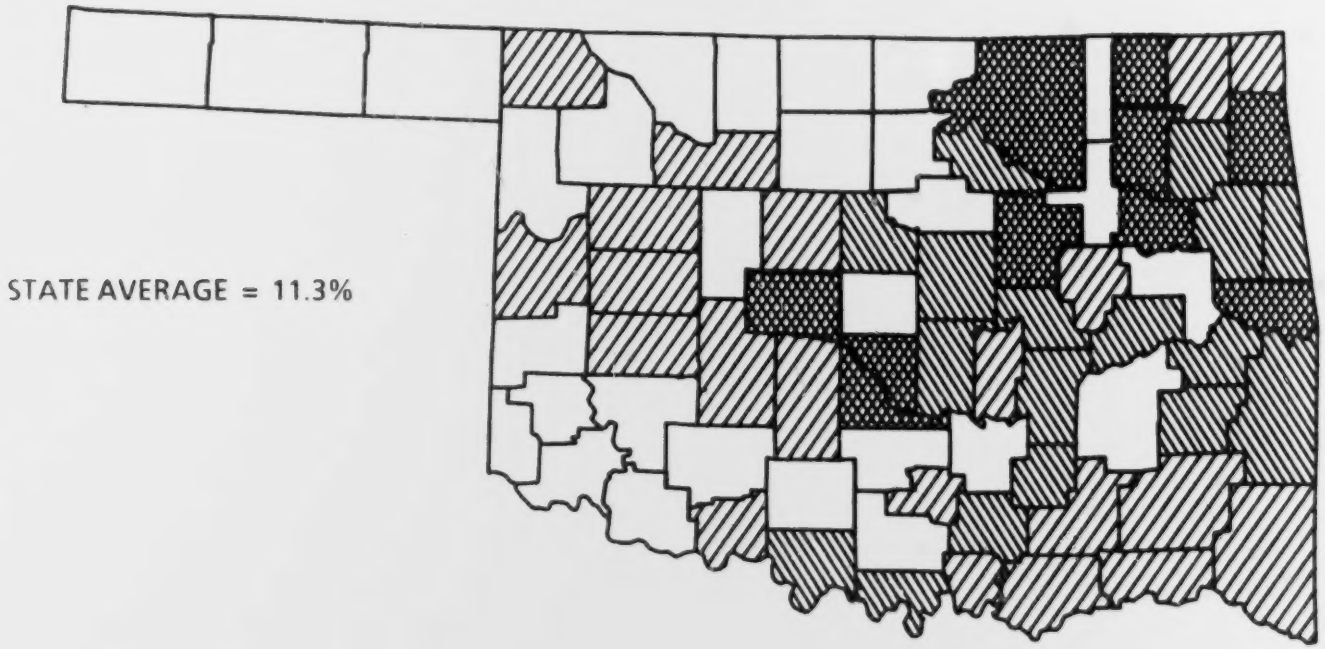
Commuting: 1970-1980

Commuting out of one's county of residence to work elsewhere became more popular in the 1970's. The average commuting rate in the state increased from 11.3 percent in 1970 to 15.6 percent in 1980. Lincoln and Logan counties had the greatest increase in commuting of all counties with over 15 percent (see Map 3). Both are sending the majority of their commuters into Oklahoma county. Three metro counties, Cleveland, Osage and Wagoner, also increased the proportion of workers commuting out of the county. Two additional counties with large increases do not surround the Oklahoma City or Tulsa metro areas: Roger Mills, in the west, and Noble, in the north central portion of the state.

Only fourteen counties showed a decline in commuting; the majority were located in the eastern part of the state. Sequoyah county had the largest decrease with 6.8 percent, while Delaware was the only county that had no change and seven counties increased less than 1.0 percent in their commuting rates between 1970 and 1980. Most western counties showed a moderate increase in commuting. In fact, the only counties with smaller commuting rates in the western part of the state were Custer, Harmon, Major and Stephens counties.

MAP 2

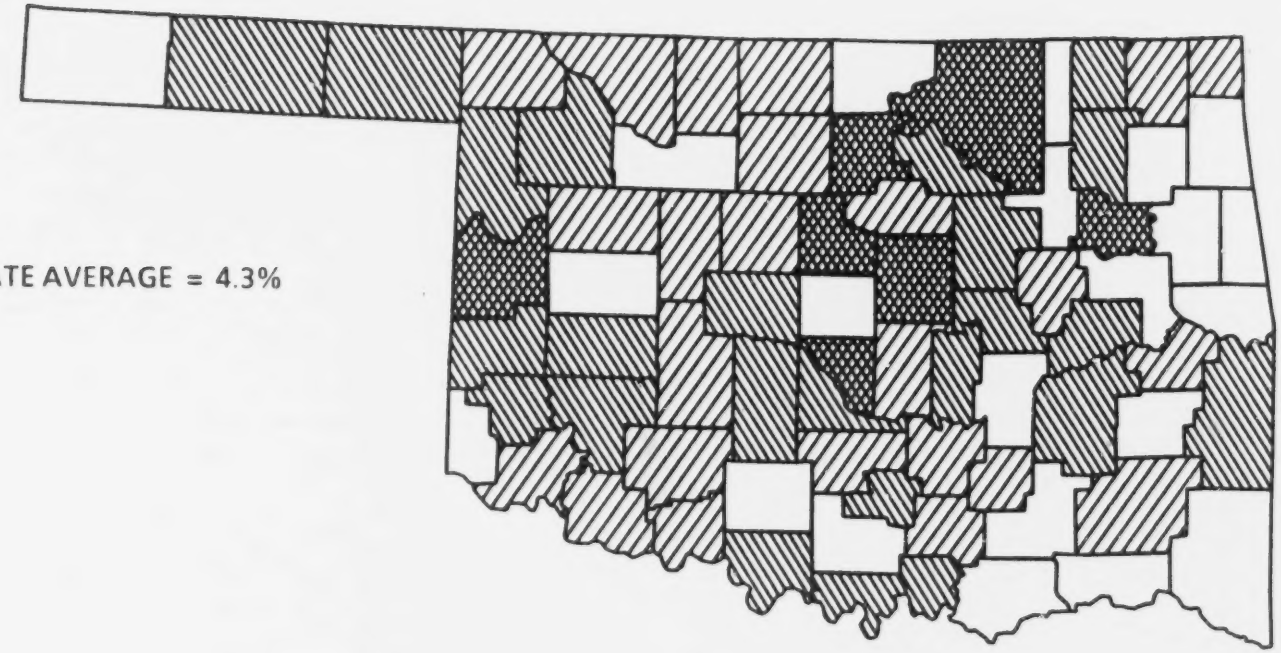
COMMUTING RATE BY COUNTY, 1970



SOURCE: *CENSUS OF POPULATION, 1970: GENERAL POPULATION CHARACTERISTICS, OKLAHOMA*

MAP 3

CHANGE IN COMMUTING RATE BY COUNTY, 1970 TO 1980



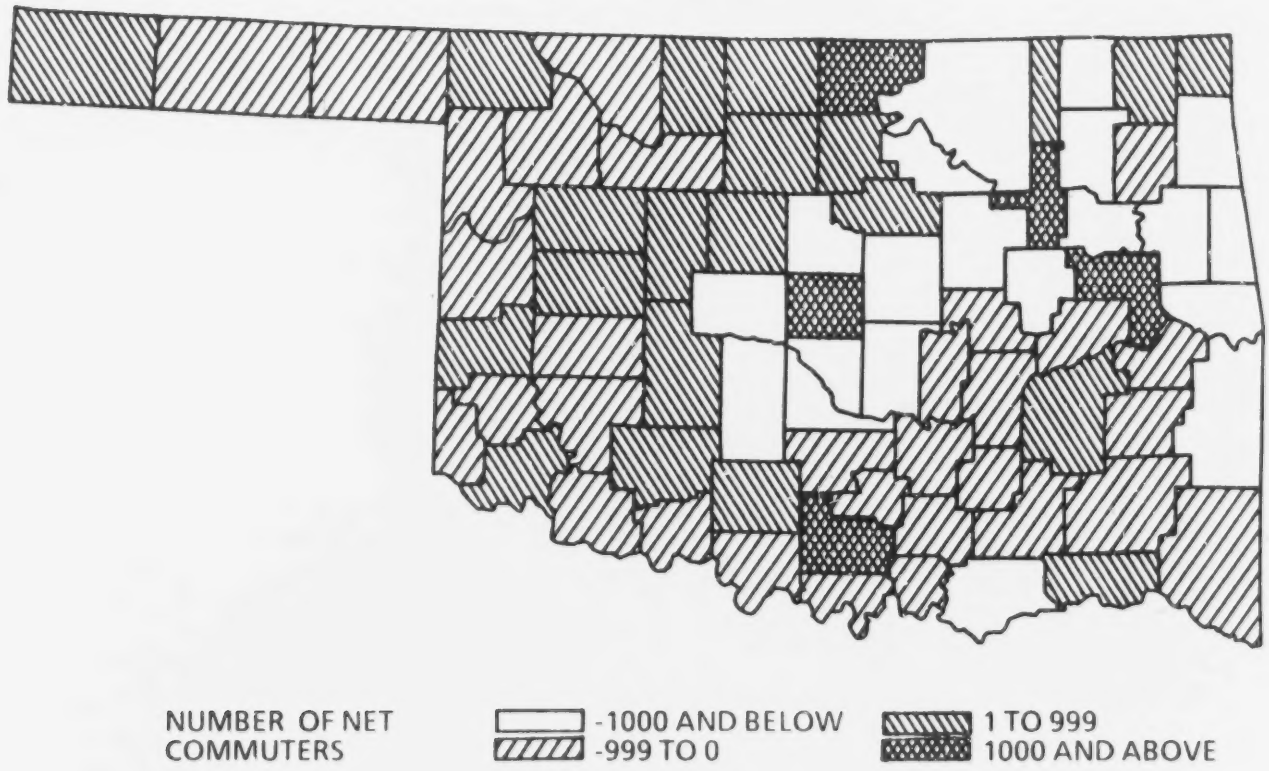
SOURCE: *CENSUS OF POPULATION, 1980: NUMBER OF WORKERS BY COUNTY OF RESIDENCE BY COUNTY OF WORK*
CENSUS OF POPULATION, 1970: GENERAL POPULATION CHARACTERISTICS, OKLAHOMA

Net Commuting: 1980

In 1980, twenty-six counties have positive or net in commuting, while fifty-one counties have negative or net out commuting. Only two counties in the state have more than 5,000 net commuters, Oklahoma with 48,674 and Tulsa with 35,942 (see Map 4). Three smaller commuting centers in the state, Muskogee, Carter, and Kay counties, each have over 1,000 net commuters. Unsurprisingly, the counties that surround Oklahoma City and Tulsa have the largest negative net commuting. With 23,807 net out commuters, Cleveland county has by far the largest net out commuting in the state. In the Tulsa area, Wagoner county has the largest net out commuting with 10,302. The counties along the state borders also have a large net out commuting because of the large number of people who travel outside of the state seeking better work opportunities. Of these counties, LeFlore has the most workers leaving the state with 3,712.

MAP 4

NET COMMUTERS BY COUNTY, 1980



SOURCE: *CENSUS OF POPULATION, 1980: NUMBER OF WORKERS BY COUNTY OF RESIDENCE BY COUNTY OF WORK*

TABLE 1

COMMUTING IN OKLAHOMA BY CO[illegible]TY, 1970 and 1980

COUNTY	1970 All Workers	1970 Worked In	1970 Worked Out	1970 Not Reported	1970 Commuting Rate	[illegible]kers	1980 Worked In	1980 Worked Out	1980 Not Reported	1980 Commuting Rate	Change in 1970 to 1980 Commuting Rate
Adair	3,830	2,409	958	463	25.0	6,108	4,325	1,453	330	23.8	-1.2
Alfalfa	2,608	2,278	257	73	9.9	2,763	2,293	336	134	12.2	2.3
Atoka	2,712	1,971	534	207	19.7	3,800	2,558	776	466	20.4	0.7
Beaver	2,535	2,166	276	93	10.8	2,853	1,890	558	405	19.6	8.8
Beckham	5,385	4,801	300	284	5.6	7,344	6,099	799	446	10.9	5.3
Blaine	4,097	3,467	453	177	11.1	5,022	3,775	672	575	13.4	2.3
Bryan	9,064	6,762	1,800	502	19.9	11,345	8,506	2,166	673	19.1	-0.8
Caddo	9,196	7,625	1,092	479	11.9	10,595	8,103	1,538	954	14.5	2.6
Canadian	11,681	6,589	4,536	556	38.8	24,810	10,358	11,633	2,819	46.9	8.1
Carter	12,580	11,134	642	804	5.1	17,397	15,144	994	1,259	7.3	0.6
Cherokee	7,174	4,881	1,530	763	21.3	10,217	7,333	2,127	757	20.8	-0.5
Choctaw	4,392	3,536	732	124	16.7	5,590	4,246	959	385	17.1	0.5
Cimarron	1,599	1,481	63	55	3.9	1,574	1,233	69	272	4.4	0.5
Cleveland	31,505	18,321	11,352	1,832	36.0	63,664	29,721	29,523	4,420	46.4	10.4
Coal	1,570	1,102	426	42	27.1	1,721	1,168	514	39	29.9	2.8
Comanche	48,225	45,725	977	1,523	2.0	51,836	40,962	1,746	9,128	3.4	1.4
Cotton	2,495	1,750	473	272	19.0	2,518	1,861	526	131	20.9	1.9
Craig	5,002	4,008	787	207	15.7	5,549	4,358	955	236	17.2	1.5
Creek	15,667	8,649	6,144	874	39.2	23,417	11,138	10,376	1,903	44.3	5.1
Custer	8,928	7,317	1,125	486	12.6	12,095	9,723	1,127	1,245	9.3	-3.3

TABLE 1 (cont.)

COMMUTING IN OKLAHOMA BY COUNTY, 1970 and 1980

COUNTY	1970 All Workers	1970 Worked In	1970 Worked Out	1970 Not Reported	1970 Commuting Rate	1980 All Workers	1980 Worked In	1980 Worked Out	1980 Not Reported	1980 Commuting Rate	Change in 1970 to 1980 Commuting Rate
Delaware	4,702	2,734	1,684	284	35.8	8,030	4,742	2,876	412	35.8	0.0
Dewey	2,064	1,550	252	262	12.2	2,154	1,685	354	115	16.4	4.2
Ellis	1,875	1,569	178	128	9.5	2,488	1,897	436	155	17.5	8.0
Garfield	21,427	19,396	694	1,337	3.2	28,376	24,522	1,460	2,394	5.2	2.0
Garvin	8,313	6,869	913	531	11.0	10,239	7,932	1,536	771	15.0	4.0
Grady	10,331	8,103	1,784	444	17.3	15,403	10,048	4,028	1,327	26.2	8.9
Grant	2,454	2,022	261	171	10.6	2,331	1,793	311	227	13.4	2.8
Greer	2,498	2,231	202	65	8.1	2,402	1,840	369	193	15.4	7.3
Harmon	1,760	1,537	197	26	11.2	1,600	1,180	170	250	10.6	-0.6
Harper	2,066	1,676	278	112	13.5	2,070	1,533	304	233	14.7	1.2
Haskell	2,875	1,994	681	200	23.7	3,541	2,434	915	192	25.9	2.2
Hughes	4,298	3,222	947	129	22.0	4,626	3,419	988	219	21.4	-0.6
Jackson	12,224	11,164	372	688	3.0	13,219	11,647	595	977	4.5	1.5
Jefferson	2,440	1,775	514	151	21.1	3,165	2,073	824	268	26.0	4.9
Johnston	2,186	1,446	560	180	25.6	3,509	2,103	1,039	367	29.6	4.0
Kay	18,298	16,860	841	597	4.6	21,600	18,772	1,119	1,709	5.2	0.6
Kingfisher	4,552	3,761	537	254	11.8	5,919	4,600	820	499	13.9	2.1
Kiowa	4,346	3,745	408	193	9.4	4,446	3,361	741	344	16.7	7.3
Latimer	2,495	1,909	545	41	21.8	3,064	2,242	648	174	21.1	-0.7
LeFlore	8,890	5,674	2,514	702	28.3	13,245	7,891	4,408	946	33.3	5.0

TABLE 1 (cont.)

COMMUTING IN OKLAHOMA BY COUNTY, 1970 and 1980

COUNTY	1970 All Workers	1970 Worked In	1970 Worked Out	1970 Not Reported	1970 Commuting Rate	1980 All Workers	1980 Worked In	1980 Worked Out	1980 Not Reported	1980 Commuting Rate	Change in 1970 to 1980 Commuting Rate
Lincoln	6,584	4,174	1,860	550	28.3	10,282	5,154	4,449	679	43.3	15.0
Logan	6,911	4,800	1,731	380	25.0	11,209	5,792	4,522	895	40.3	15.3
Love	1,980	1,286	522	172	26.4	3,140	1,883	1,116	141	35.5	9.1
McClain	4,718	2,434	2,077	207	44.0	8,013	2,922	4,290	801	53.5	9.5
McCurtain	7,808	5,859	980	969	12.6	12,035	10,277	1,146	612	9.5	-3.1
McIntosh	3,438	2,380	803	255	23.4	5,069	3,163	1,524	382	30.1	6.7
Major	2,670	2,013	528	129	19.8	3,611	2,438	687	486	19.0	-0.8
Marshall	2,525	2,004	293	228	11.6	3,533	2,552	591	390	16.7	5.1
Mayes	7,177	5,065	1,848	264	25.7	11,583	8,421	2,468	694	21.3	-4.4
Murray	3,588	2,907	517	164	14.4	4,708	3,400	1,068	240	22.7	8.3
Muskogee	19,392	16,586	1,572	1,234	8.1	25,712	21,852	2,031	1,829	7.9	-0.2
Noble	3,558	3,063	350	139	10.0	4,573	3,378	946	249	20.7	10.7
Nowata	3,379	2,063	1,174	142	34.7	4,240	2,315	1,671	254	39.4	4.7
Okfuskee	2,944	2,181	599	164	20.3	3,709	2,203	1,095	411	29.5	9.2
Oklahoma	220,093	200,679	6,590	12,824	3.0	266,366	233,245	10,112	23,009	3.8	0.8
Okmulgee	10,351	7,950	1,776	625	17.2	13,668	9,923	2,868	877	21.0	3.8
Osage	10,731	5,643	4,498	590	41.9	16,359	6,484	8,670	1,205	53.0	12.0
Ottawa	10,686	8,942	1,347	397	12.6	12,585	10,444	1,376	765	10.9	2.3
Pawnee	3,732	2,343	1,058	331	28.3	6,261	3,323	2,337	601	37.3	9.0
Payne	19,915	17,277	1,351	1,287	6.8	27,304	23,264	2,311	1,729	8.5	1.7

TABLE 1 (cont.)

COMMUTING IN OKLAHOMA BY COUNTY, 1970 and 1980

COUNTY	1970 All Workers	1970 Worked In	1970 Worked Out	1970 Not Reported	1970 Commuting Rate	1980 All Workers	1980 Worked In	1980 Worked Out	1980 Not Reported	1980 Commuting Rate	Change in 1970 to 1980 Commuting Rate
Pittsburg	11,830	10,539	537	754	4.5	13,149	11,239	1,206	704	9.2	4.7
Pontotoc	9,884	8,050	810	1,024	8.2	12,905	11,001	1,233	671	9.6	1.4
Pottawatomie	14,958	9,902	3,866	1,190	25.8	21,212	13,705	6,206	1,301	29.3	3.5
Pushmataha	2,361	2,005	311	45	13.2	3,649	2,810	637	202	17.5	4.3
Roger Mills	1,433	1,165	170	98	11.9	1,846	1,309	427	110	23.1	11.2
Rogers	10,356	5,440	4,158	758	40.2	19,782	9,021	9,795	966	49.5	9.3
Seminole	8,303	5,867	957	1,479	11.5	9,934	7,417	1,900	617	19.1	7.6
Sequoyah	6,739	3,616	2,893	230	42.9	10,548	5,880	3,807	861	36.1	-6.8
Stephens	12,843	11,322	1,001	520	7.8	18,411	15,879	1,414	1,118	7.7	-0.1
Texas	6,700	5,743	496	461	7.4	7,998	6,233	961	804	12.0	4.6
Tillman	4,314	3,780	318	216	7.4	4,550	3,817	488	245	10.7	3.3
Tulsa	158,301	146,346	4,473	7,482	2.8	225,879	200,689	7,513	17,677	3.3	0.5
Wagoner	7,378	2,668	4,301	409	58.3	16,586	4,058	11,707	821	70.6	12.3
Washington	16,981	14,772	1,428	781	8.4	22,417	18,888	1,843	1,686	8.2	-0.2
Washita	4,423	3,505	722	196	16.3	5,818	3,824	1,398	596	24.0	7.7
Woods	4,819	4,169	439	211	9.1	5,028	3,911	636	481	12.6	3.5
Woodward	6,151	5,651	373	127	6.1	9,645	7,463	1,409	773	14.6	8.5
STATE	950,293	789,398	107,552	53,343	11.3	1,284,962	980,085	200,646	104,231	15.6	4.3

SOURCE: CENSUS OF POPULATION, 1980: NUMBER OF WORKERS BY COUNTY OF RESIDENCE BY COUNTY OF WORK and COMMUTING PATTERNS IN OKLAHOMA, 1970

TABLE 2

TABLE 2
COMMUTING PATTERNS FOR THE STATE OF OKLAHOMA: 1980

STATE	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
Arkansas	1,659	10,098	-8,439
Colorado	250	131	119
Kansas	2,188	3,777	-1,589
Missouri	1,105	926	179
New Mexico	115	93	22
Texas	3,499	6,803	-3,304
Other States	3,189	2,572	617
Worked at Sea	0	91	-91
Worked outside U.S.	0	607	-607
TOTALS	**12,005**	**25,098**	**-13,093**

Source: Census of Population, 1980: Number of Workers by County of Work.

TABLE 3

COMMUTING PATTERNS FOR ADAIR COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	121	227	-106
Delaware	38	58	-20
Sequoyah	17	48	-31
Tulsa	24	33	-9
Other	9	27	-18
In State Totals	209	393	-184
OUT OF STATE			
Benton, AR	57	771	-714
Crawford, AR	0	15	-15
Sebastian, AR	0	36	-36
Washington, AR	65	196	-131
Other	29	42	-13
Out of State Totals	151	1,060	-909
TOTALS	**360**	**1,453**	**-1,093**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR ALFALFA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Garfield	29	134	-105
Grant	14	4	10
Major	46	78	-32
Payne	28	8	20
Woods	203	57	146
Other	26	28	-2
In State Totals	346	309	37
OUT OF STATE			
Barber, KS	8	23	-15
Other	3	4	-1
Out of State Totals	11	27	-16
TOTALS	**357**	**336**	**21**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR ATOKA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Bryan	48	219	-171
Choctaw	34	8	26
Coal	160	68	92
Johnston	17	70	-53
Oklahoma	18	46	-28
Pittsburg	28	86	-58
Pontotoc	21	40	-19
Pushmataha	27	18	9
Tulsa	14	24	-10
Other	2	140	-138
In State Totals	369	719	-350
OUT OF STATE			
Out of State Totals	32	57	-25
TOTALS	**401**	**776**	**-375**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR BEAVER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Ellis	0	5	-5
Harper	30	65	-35
Texas	45	48	-3
Other	11	36	-25
In State Totals	86	154	-68
OUT OF STATE			
Clark, KS	3	0	3
Lipscomb, TX	64	38	26
Meade, KS	8	0	8
Ochiltree, TX	115	68	47
Seward, KS	19	254	-235
Other	21	44	-23
Out of State Totals	230	404	-174
TOTALS	**316**	**558**	**-242**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR BECKHAM COUNTY

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Canadian	15	13	2
Custer	190	106	84
Dewey	13	35	-22
Greer	45	0	45
Kiowa	6	0	6
Roger Mills	201	117	84
Washita	475	216	259
Woodward	46	20	26
Other	215	92	123
In State Totals	1,206	599	607
OUT OF STATE			
Collingsworth, TX	0	11	-11
Hemphill, TX	23	31	-8
Wheeler, TX	10	85	-75
Other	126	73	53
Out of State Totals	159	200	-41
TOTALS	**1,365**	**799**	**566**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR BLAINE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Caddo	34	56	-22
Canadian	139	124	15
Custer	36	102	-66
Dewey	46	54	-8
Garfield	21	25	-4
Kingfisher	96	78	18
Major	138	82	56
Oklahoma	85	39	46
Other	82	99	-17
In State Totals	677	659	18
OUT OF STATE			
Out of State Totals	31	13	18
TOTALS	**708**	**672**	**36**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR BRYAN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	219	48	171
Choctaw	79	67	12
Johnston	95	64	31
Marshall	52	50	2
Oklahoma	39	4	35
Pittsburg	25	27	-2
Other	78	164	-86
In State Totals	587	424	163
OUT OF STATE			
Fannin, TX	15	67	-52
Grayson, TX	67	1,535	-1,468
Other	90	140	-50
Out of State Totals	172	1,742	-1,570
TOTALS	**759**	**2,166**	**-1,407**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CADDO COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Blaine	56	34	22
Canadian	109	75	34
Comanche	217	312	-95
Custer	141	267	-126
Grady	517	564	-47
Kiowa	59	4	55
Oklahoma	106	122	-16
Stephens	32	40	-8
Washita	99	30	69
Woodward	25	8	17
Other	143	70	73
In State Totals	1,504	1,526	-22
OUT OF STATE			
Out of State Totals	74	12	62
TOTALS	**1,578**	**1,538**	**40**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CANADIAN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	13	15	-2
Blaine	124	139	-15
Caddo	75	109	-34
Cleveland	238	113	125
Custer	118	76	42
Dewey	6	24	-18
Garfield	15	19	-4
Garvin	46	2	44
Grady	310	57	253
Kingfisher	214	196	18
Logan	30	5	25
McClain	33	27	6
Oklahoma	3,011	10,686	-7,675
Other	211	40	171
In State Totals	4,444	11,508	-7,064
OUT OF STATE			
Out of State Totals	128	125	3
TOTALS	**4,572**	**11,633**	**-7,061**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CARTER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cleveland	22	31	-9
Garvin	232	16	216
Grady	24	19	5
Jefferson	197	30	167
Johnston	336	39	297
Love	553	165	388
Marshall	270	94	176
Murray	390	170	220
Oklahoma	23	43	-20
Stephens	277	143	134
Other	160	94	66
In State Totals	2,484	844	1,640
OUT OF STATE			
Cooke, TX	51	9	42
Montague, TX	8	17	-9
Tarrant, TX	69	10	59
Other	79	114	-35
Out of State Totals	207	150	57
TOTALS	**2,691**	**994**	**1,697**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CHEROKEE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Adair	227	121	106
Craig	17	19	-2
Delaware	65	22	43
Mayes	39	177	-138
Muskogee	156	951	-795
Okmulgee	16	17	-1
Payne	21	14	7
Rogers	12	58	-46
Sequoyah	86	29	57
Tulsa	35	336	-301
Wagoner	114	243	-129
Other	15	18	-3
In State Totals	803	2,005	-1,202
OUT OF STATE			
Benton, AR	10	70	-60
Other	44	52	-8
Out of State Totals	54	122	-68
TOTALS	**857**	**2,127**	**-1,270**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CHOCTAW COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	8	34	-26
Bryan	67	79	-12
LeFlore	21	15	6
McCurtain	317	230	87
Oklahoma	22	56	-34
Pittsburg	10	23	-13
Pushmataha	272	126	146
Other	168	0	168
In State Totals	885	563	322
OUT OF STATE			
Lamar, TX	128	362	-234
Red River, TX	2	0	2
Other	103	34	69
Out of State Totals	233	396	-163
TOTALS	**1,118**	**959**	**159**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CIMARRON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Texas	26	28	-2
Other	39	12	27
In State Totals	65	40	25
OUT OF STATE			
Baca, CO	1	0	1
Dallam, TX	8	0	8
Morton, KS	6	12	-6
Sherman, TX	18	0	18
Other	20	17	3
Out of State Totals	53	29	24
TOTALS	**118**	**69**	**49**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CLEVELAND COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Canadian	113	238	-125
Carter	31	22	9
Comanche	25	109	-84
Creek	17	11	6
Custer	17	53	-36
Garfield	16	30	-14
Garvin	118	92	26
Grady	158	110	48
Kingfisher	4	22	-18
Lincoln	59	0	59
Logan	15	38	-23
Love	11	18	-7
McClain	1,225	670	555
Oklahoma	3,043	27,075	-24,032
Payne	64	47	17
Pottawatomie	426	99	327
Seminole	65	33	32
Stephens	25	19	6
Tulsa	22	77	-55
Other	125	287	-162
In State Totals	5,579	29,050	-23,471
OUT OF STATE			
Out of State Totals	137	473	-336
TOTALS	**5,716**	**29,523**	**-23,807**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR COAL COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	68	160	-92
Hughes	9	4	5
Johnston	39	0	39
Pittsburg	12	81	-69
Pontotoc	29	138	-109
Other	23	101	-78
In State Totals	180	484	-304
OUT OF STATE			
Out of State Totals	13	30	-17
TOTALS	**193**	**514**	**-321**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR COMANCHE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Caddo	312	217	95
Cleveland	109	25	84
Cotton	161	78	83
Grady	120	135	-15
Jackson	62	31	31
Jefferson	21	22	-1
Kiowa	80	61	19
McClain	15	15	0
Oklahoma	73	78	-5
Stephens	394	300	94
Tillman	139	51	88
Other	100	134	-34
In State Totals	1,586	1,147	439
OUT OF STATE			
Dallas, TX	15	45	-30
Wichita, TX	42	127	-85
Other	511	427	84
Out of State Totals	568	599	-31
TOTALS	**2,154**	**1,746**	**408**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR COTTON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Comanche	78	161	-83
Jefferson	21	31	-10
Stephens	54	98	-44
Tillman	4	22	-18
Other	0	29	-29
In State Totals	157	341	-184
OUT OF STATE			
Wichita, TX	47	173	-126
Other	0	12	-12
Out of State Totals	47	185	-138
TOTALS	**204**	**526**	**-322**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CRAIG COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	19	17	2
Delaware	352	44	308
Mayes	310	93	217
Nowata	53	22	31
Ottawa	217	276	-59
Rogers	244	161	83
Tulsa	27	94	-67
Wagoner	13	31	-18
Washington	10	64	-54
Other	28	11	17
In State Totals	1,273	813	460
OUT OF STATE			
Cherokee, KS	8	30	-22
Labette, KS	22	63	-41
Other	22	49	-27
Out of State Totals	52	142	-90
TOTALS	**1,325**	**955**	**370**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CREEK COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cleveland	11	17	-6
Lincoln	195	241	-46
Muskogee	34	21	13
Okfuskee	51	14	37
Oklahoma	25	59	-34
Okmulgee	223	102	121
Osage	96	43	53
Pawnee	142	111	31
Payne	124	135	-11
Rogers	39	60	-21
Tulsa	1,241	9,206	-7,965
Wagoner	0	49	-49
Other	49	117	-68
In State Totals	2,230	10,175	-7,945
OUT OF STATE			
Out of State Totals	51	201	-150
TOTALS	**2,281**	**10,376**	**-8,095**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR CUSTER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	106	190	-84
Blaine	102	36	66
Caddo	267	141	126
Canadian	76	118	-42
Cleveland	53	17	36
Dewey	50	113	-63
Grady	17	33	-16
Kiowa	48	12	36
Oklahoma	65	128	-63
Roger Mills	54	56	-2
Washita	445	157	288
Other	192	87	105
In State Totals	1,475	1,088	387
OUT OF STATE			
Out of State Totals	82	39	43
TOTALS	**1,557**	**1,127**	**430**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR DELAWARE COUNTY

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Adair	58	38	20
Cherokee	22	65	-43
Craig	44	352	-308
Mayes	193	337	-144
Ottawa	151	407	-256
Rogers	0	37	-37
Tulsa	0	275	-275
Other	26	34	-8
In State Totals	494	1,545	-1,051
OUT OF STATE			
Benton, AR	81	1,026	-945
Crawford, KS	7	22	-15
Jasper, MO	0	77	-77
McDonald, MO	21	67	-46
Other	49	139	-90
Out of State Totals	158	1,331	-1,173
TOTALS	**652**	**2,876**	**-2,224**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR DEWEY COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	35	13	22
Blaine	54	46	8
Canadian	24	6	18
Custer	113	50	63
Ellis	27	28	-1
Kingfisher	16	19	-3
Major	76	23	53
Oklahoma	62	23	39
Roger Mills	77	39	38
Woodward	191	69	122
Other	89	29	60
In State Totals	764	345	419
OUT OF STATE			
Out of State Totals	46	9	37
TOTALS	**810**	**354**	**456**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR ELLIS COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beaver	5	0	5
Dewey	28	27	1
Harper	27	21	6
Roger Mills	0	5	-5
Woodward	139	258	-119
Other	11	27	-16
In State Totals	210	338	-128
OUT OF STATE			
Hemphill, TX	0	9	-9
Lipscomb, TX	51	50	1
Other	17	39	-22
Out of State Totals	68	98	-30
TOTALS	**278**	**436**	**-158**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR GARFIELD COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Alfalfa	134	29	105
Blaine	25	21	4
Canadian	19	15	4
Cleveland	30	16	14
Grant	155	111	44
Kay	60	44	16
Kingfisher	73	396	-323
Logan	50	107	-57
Major	261	233	28
Noble	91	119	-28
Oklahoma	188	88	100
Payne	61	38	23
Woods	34	28	6
Woodward	39	10	29
Other	210	58	152
In State Totals	1,430	1,313	117
OUT OF STATE			
Sedgwick, KS	7	31	-24
Other	225	116	109
Out of State Totals	232	147	85
TOTALS	**1,662**	**1,460**	**202**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR GARVIN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Canadian	2	46	-44
Carter	16	232	-216
Cleveland	92	118	-26
Grady	120	116	4
McClain	249	67	182
Murray	167	172	-5
Oklahoma	34	347	-313
Pontotoc	183	87	96
Seminole	10	19	-9
Stephens	48	66	-18
Other	56	176	-120
In State Totals	977	1,446	-469
OUT OF STATE			
Out of State Totals	9	90	-81
TOTALS	**986**	**1,536**	**-550**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR GRADY COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Caddo	564	517	47
Canadian	57	310	-253
Carter	19	24	-5
Cleveland	110	158	-48
Comanche	135	120	15
Custer	33	17	16
Garvin	116	120	-4
McClain	77	176	-99
Oklahoma	114	1,995	-1,881
Stephens	189	363	-174
Other	94	124	-30
In State Totals	1,508	3,924	-2,416
OUT OF STATE			
Out of State Totals	43	104	-61
TOTALS	**1,551**	**4,028**	**-2,477**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR GRANT COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Alfalfa	4	14	-10
Garfield	111	155	-44
Kay	76	55	21
Noble	0	2	-2
Other	95	19	76
In State Totals	286	245	41
OUT OF STATE			
Harper, KS	0	30	-30
Sumner, KS	49	33	16
Other	39	3	36
Out of State Totals	88	66	22
TOTALS	**374**	**311**	**63**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR GREER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	0	45	-45
Harmon	27	0	27
Jackson	80	176	-96
Kiowa	68	73	-5
Oklahoma	16	16	0
Washita	0	12	-12
Other	14	47	-33
In State Totals	205	369	-164
OUT OF STATE			
Out of State Totals	7	0	7
TOTALS	**212**	**369**	**-157**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR HARMON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Greer	0	27	-27
Jackson	30	63	-33
Other	28	19	9
In State Totals	58	109	-51
OUT OF STATE			
Childress, TX	0	29	-29
Collingsworth, TX	16	20	-4
Hardeman, TX	12	0	12
Other	0	12	-12
Out of State Totals	28	61	-33
TOTALS	**86**	**170**	**-84**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR HARPER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beaver	65	30	35
Ellis	21	27	-6
Woods	70	0	70
Woodward	593	161	432
Other	47	38	9
In State Totals	796	256	540
OUT OF STATE			
Clark, KS	10	0	10
Comanche, KS	13	0	13
Other	44	48	-4
Out of State Totals	67	48	19
TOTALS	**863**	**304**	**559**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR HASKELL COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Latimer	32	45	-13
LeFlore	25	51	-26
McIntosh	24	45	-21
Muskogee	87	126	-39
Pittsburg	70	250	-180
Sequoyah	0	37	-37
Other	0	77	-77
In State Totals	238	631	-393
OUT OF STATE			
Sebastian, AR	11	249	-238
Other	47	35	12
Out of State Totals	58	284	-226
TOTALS	**296**	**915**	**-619**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR HUGHES COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Coal	4	9	-5
McIntosh	4	19	-15
Okfuskee	62	64	-2
Oklahoma	0	42	-42
Okmulgee	0	63	-63
Pittsburg	75	158	-83
Pontotoc	92	143	-51
Pottawatomie	0	31	-31
Seminole	158	311	-153
Other	30	125	-95
In State Totals	425	965	-540
OUT OF STATE			
Out of State Totals	0	23	-23
TOTALS	**425**	**988**	**-563**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR JACKSON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Comanche	31	62	-31
Greer	176	80	96
Harmon	63	30	33
Kiowa	135	74	61
Murray	158	0	158
Oklahoma	12	47	-35
Tillman	79	32	47
Washita	11	38	-27
Other	251	55	196
In State Totals	600	418	182
OUT OF STATE			
Hardeman, TX	0	26	-26
Wilbarger, TX	11	61	-50
Other	205	90	115
Out of State Totals	216	177	39
TOTALS	**974**	**595**	**379**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR JEFFERSON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Carter	30	197	-167
Comanche	22	21	1
Cotton	31	21	10
Love	21	17	4
Stephens	112	292	-180
Other	56	34	22
In State Totals	272	582	-310
OUT OF STATE			
Clay, TX	2	25	-23
Montague, TX	0	101	-101
Wichita, TX	0	86	-86
Other	35	30	5
Out of State Totals	37	242	-205
TOTALS	**309**	**824**	**-515**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR JOHNSTON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	70	17	53
Bryan	64	95	-31
Carter	39	336	-297
Coal	0	39	-39
Marshall	25	141	-116
Murray	62	82	-20
Oklahoma	0	88	-88
Pontotoc	42	76	-34
Other	17	92	-75
In State Totals	319	966	-647
OUT OF STATE			
Out of State Totals	5	73	-68
TOTALS	**324**	**1,039**	**-715**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR KAY COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Garfield	44	60	-16
Grant	55	76	-21
Lincoln	45	0	45
Logan	13	23	-10
Noble	240	216	24
Oklahoma	6	34	-28
Osage	1,129	107	1,022
Pawnee	29	0	29
Payne	143	24	119
Tulsa	60	7	53
Other	173	30	143
In State Totals	1,937	577	1,360
OUT OF STATE			
Cowley, KS	118	345	-227
Sedgwick, KS	20	31	-11
Sumner, KS	27	37	-10
Other	101	129	-28
Out of State Totals	266	542	-276
TOTALS	**2,203**	**1,119**	**1,084**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR KINGFISHER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Blaine	78	96	-18
Canadian	196	214	-18
Cleveland	22	4	18
Dewey	19	16	3
Garfield	396	73	323
Logan	190	64	126
Major	54	0	54
Oklahoma	184	312	-128
Payne	33	0	33
Other	161	10	151
In State Totals	1,333	789	544
OUT OF STATE			
Out of State Totals	34	31	3
TOTALS	**1,367**	**820**	**547**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR KIOWA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	0	6	-6
Caddo	4	59	-55
Comanche	61	80	-19
Custer	12	48	-36
Greer	73	68	5
Jackson	74	135	-61
Oklahoma	26	6	20
Tillman	42	94	-52
Washita	182	142	40
Other	18	53	-35
In State Totals	492	691	-199
OUT OF STATE			
Out of State Totals	19	50	-31
TOTALS	**511**	**741**	**-230**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR LATIMER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Haskell	45	32	13
LeFlore	227	177	50
McIntosh	19	16	3
Oklahoma	15	29	-14
Pittsburg	67	282	-215
Pushmataha	26	29	-3
Other	52	54	-2
In State Totals	451	619	-168
OUT OF STATE			
Out of State Totals	22	29	-7
TOTALS	**473**	**648**	**-175**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR LE FLORE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Choctaw	15	21	-6
Haskell	51	25	26
Latimer	177	227	-50
McCurtain	0	10	-10
Muskogee	7	25	-18
Oklahoma	0	52	-52
Pittsburg	16	57	-41
Pushmataha	55	25	30
Sequoyah	82	100	-18
Tulsa	34	24	10
Other	27	130	-103
In State Totals	464	696	-232
OUT OF STATE			
Crawford, AR	80	81	-1
Dallas, TX	38	22	16
Polk, AR	38	91	-53
Scott, AR	44	17	27
Sebastian, AR	170	3,337	-3,167
Other	51	164	-113
Out of State Totals	421	3,712	-3,291
TOTALS	**885**	**4,408**	**-3,523**

Source: Census of Population, 1980: Number of Workers by County of Work

COMMUTING PATTERNS FOR LINCOLN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cleveland	0	59	-59
Creek	241	195	46
Kay	0	45	-45
Logan	0	88	-88
Okfuskee	148	22	126
Oklahoma	110	2,433	-2,323
Payne	141	782	-641
Pottawatomie	204	561	-357
Seminole	75	28	47
Tulsa	0	66	-66
Other	92	100	-8
In State Totals	1,011	4,379	-3,368
OUT OF STATE			
Out of State Totals	27	70	-43
TOTALS	**1,038**	**4,449**	**-3,411**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR LOGAN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Canadian	5	30	-25
Cleveland	38	15	23
Garfield	107	50	57
Kay	23	13	10
Kingfisher	64	190	-126
Lincoln	88	0	88
Noble	56	144	-88
Oklahoma	368	3,831	-3,463
Payne	163	119	44
Seminole	31	0	31
Other	133	96	37
In State Totals	1,076	4,488	-3,412
OUT OF STATE			
Out of State Totals	24	34	-10
TOTALS	**1,100**	**4,522**	**-3,422**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR LOVE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Carter	165	553	-388
Cleveland	18	11	7
Jefferson	17	21	-4
Marshall	50	25	25
Oklahoma	0	52	-52
Other	26	42	-16
In State Totals	276	704	-428
OUT OF STATE			
Cooke,TX	30	348	-318
Other	0	64	-64
Out of State Totals	30	412	-382
TOTALS	**306**	**1,116**	**-810**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MCCLAIN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Canadian	27	33	-6
Cleveland	670	1,225	-555
Comanche	15	15	0
Garvin	67	249	-182
Grady	176	77	99
Oklahoma	107	2,475	-2,368
Pontotoc	14	46	-32
Pottawatomie	36	14	22
Other	28	141	-113
In State Totals	1,140	4,275	-3,135
OUT OF STATE			
Out of State Totals	19	15	4
TOTALS	**1,159**	**4,290**	**-3,131**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MCCURTAIN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Choctaw	230	317	-87
Le Flore	10	0	10
Pushmataha	91	42	49
Tulsa	20	18	2
Other	59	53	6
In State Totals	410	430	-20
OUT OF STATE			
Bowie, TX	67	67	0
Little River, AR	35	82	-47
Polk, AR	38	74	-36
Red River, TX	52	23	29
Sevier, AR	88	333	-245
Other	61	137	-76
Out of State Totals	341	716	-375
TOTALS	**751**	**1,146**	**-395**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MCINTOSH COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Haskell	45	24	21
Hughes	19	4	15
Latimer	16	19	-3
Muskogee	146	640	-494
Okfuskee	0	29	-29
Oklahoma	0	55	-55
Okmulgee	56	316	-260
Pittsburg	374	187	187
Sequoyah	28	0	28
Tulsa	0	127	-127
Wagoner	16	27	-11
Other	64	46	18
In State Totals	764	1,474	-710
OUT OF STATE			
Out of State Totals	27	50	-23
TOTALS	**791**	**1,524**	**-733**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MAJOR COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Alfalfa	78	46	32
Blaine	82	138	-56
Dewey	23	76	-53
Garfield	233	261	-28
Kingfisher	0	54	-54
Oklahoma	27	22	5
Woods	43	3	40
Woodward	45	12	33
Other	33	63	-30
In State Totals	564	675	-111
OUT OF STATE			
Out of State Totals	15	12	3
TOTALS	**579**	**687**	**-108**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MARSHALL COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Bryan	50	52	-2
Carter	94	270	-176
Johnston	141	25	116
Love	25	50	-25
Murray	41	0	41
Oklahoma	67	10	57
Pontotoc	19	6	13
Other	60	41	19
In State Totals	497	454	43
OUT OF STATE			
Cooke, TX	25	19	6
Grayson, TX	16	72	-56
Other	10	46	-36
Out of State Totals	51	137	-86
TOTALS	**548**	**591**	**-43**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MAYES COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	177	39	138
Craig	93	310	-217
Delaware	337	193	144
Muskogee	2	26	-24
Oklahoma	15	51	-36
Okmulgee	33	18	15
Osage	27	13	14
Ottawa	4	33	-29
Payne	11	25	-14
Rogers	297	368	-71
Tulsa	231	1,181	-950
Wagoner	117	61	56
Other	71	52	19
In State Totals	1,415	2,370	-955
OUT OF STATE			
Out of State Totals	65	98	-33
TOTALS	**1,480**	**2,468**	**-988**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MURRAY COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Carter	170	390	-220
Garvin	172	167	5
Jackson	0	158	-158
Johnston	82	62	20
Marshall	0	41	-41
Oklahoma	3	60	-57
Pontotoc	100	50	50
Other	52	72	-20
In State Totals	579	1,000	-421
OUT OF STATE			
Out of State Totals	49	68	-19
TOTALS	**628**	**1,068**	**-440**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR MUSKOGEE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	951	156	795
Creek	21	34	-13
Haskell	126	87	39
LeFlore	25	7	18
McIntosh	640	146	494
Mayes	26	2	24
Oklahoma	27	27	0
Okmulgee	153	81	72
Pittsburg	64	0	64
Rogers	49	7	42
Sequoyah	337	155	182
Tulsa	115	852	-737
Wagoner	1,358	266	1,092
Other	104	74	30
In State Totals	3,996	1,894	2,102
OUT OF STATE			
Sebastian, AR	18	37	-19
Other	117	100	17
Out of State Totals	135	137	-2
TOTALS	**4,131**	**2,031**	**2,100**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS OF NOBLE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Garfield	119	91	28
Grant	2	0	2
Kay	216	240	-24
Logan	144	56	88
Oklahoma	29	25	4
Osage	26	11	15
Pawnee	86	24	62
Payne	504	421	83
Other	120	62	58
In State Totals	1,246	930	316
OUT OF STATE			
Out of State Totals	40	16	24
TOTALS	**1,286**	**946**	**340**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR NOWATA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Craig	22	53	-31
Osage	0	70	-70
Rogers	29	115	-86
Tulsa	12	88	-76
Washington	115	604	-489
Other	32	11	21
In State Totals	210	941	-731
OUT OF STATE			
Labette, KS	4	6	-2
Montgomery, KS	96	690	-594
Other	33	34	-1
Out of State Totals	133	730	-597
TOTALS	**343**	**1,671**	**-1,328**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR OKFUSKEE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Creek	14	51	-37
Hughes	64	62	2
Lincoln	22	148	-126
McIntosh	29	0	29
Oklahoma	11	195	-184
Okmulgee	118	318	-200
Pottawatomie	0	115	-115
Seminole	64	32	32
Tulsa	0	105	-105
Other	28	58	-30
In State Totals	350	1,084	-734
OUT OF STATE			
Out of State Totals	6	11	-5
TOTALS	**356**	**1,095**	**-739**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR OKLAHOMA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	46	18	28
Blaine	39	85	-46
Bryan	4	39	-35
Caddo	122	106	16
Canadian	10,686	3,011	7,675
Carter	43	23	20
Choctaw	56	22	34
Cleveland	27,075	3,043	24,032
Comanche	78	73	5
Creek	59	25	34
Custer	128	65	63
Dewey	23	62	-39
Garfield	88	188	-100
Garvin	347	34	313
Grady	1,995	114	1,881
Greer	16	16	0
Hughes	42	0	42
Jackson	47	12	35
Johnston	88	0	88
Kay	34	6	28
Kingfisher	312	184	128
Kiowa	6	26	-20
Latimer	29	15	14
LeFlore	52	0	52

OKLAHOMA COUNTY Cont. page 2

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Lincoln	2,433	110	2,323
Logan	3,831	368	3,463
Love	52	0	52
McClain	2,475	107	2,368
McIntosh	55	0	55
Major	22	27	-5
Marshall	10	67	-57
Mayes	51	15	36
Murray	60	3	57
Muskogee	27	27	0
Noble	25	29	-4
Okfuskee	195	11	184
Okmulgee	42	0	42
Pawnee	20	16	4
Payne	342	151	191
Pittsburg	98	12	86
Pontotoc	210	31	179
Pottawatomie	4,399	221	4,178
Seminole	600	78	522
Stephens	33	29	4
Tulsa	376	149	227
Washita	4	37	-33
Woodward	37	21	16
Other	258	106	152
In State Totals	57,070	8,782	48,288

OKLAHOMA COUNTY Cont. page 3

COUNTY	IN COMMUTING	OUT COMMUTING	NET COMMUTING
OUT OF STATE			
Dallas, TX	118	123	-5
Grayson, TX	14	12	2
Hemphill, TX	26	19	7
Potter, TX	26	11	15
Sebastian, AR	25	13	12
Sedgwick, KS	11	33	-22
Tarrant, TX	43	13	30
Wichita, TX	36	42	-6
Other	1,417	1,064	353
Out of State Totals	1,716	1,330	386
TOTALS	58,786	10,112	48,674

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR OKMULGEE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	17	16	1
Creek	102	223	-121
Hughes	63	0	63
McIntosh	316	56	260
Mayes	18	33	-15
Muskogee	81	153	-72
Okfuskee	318	118	200
Oklahoma	0	42	-42
Payne	18	15	3
Pittsburg	8	38	-30
Seminole	15	24	-9
Tulsa	146	1,807	-1,661
Wagoner	17	32	-15
Other	99	171	-72
In State Totals	1,218	2,728	-1,510
OUT OF STATE			
Out of State Totals	49	140	-91
TOTALS	**1,267**	**2,868**	**-1,601**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR OSAGE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Creek	43	96	-53
Kay	107	1,129	-1,022
Mayes	13	27	-14
Noble	11	26	-15
Nowata	70	0	70
Pawnee	219	308	-89
Payne	22	33	-11
Rogers	34	63	-29
Tulsa	599	5,696	-5,097
Wagoner	39	2	37
Washington	749	1,059	-310
Other	58	56	2
In State Totals	1,964	8,495	-6,531
OUT OF STATE			
Chautauqua, KS	37	17	20
Cowley, KS	0	17	-17
Montgomery, KS	26	17	9
Other	72	124	-52
Out of State Totals	135	175	-40
TOTALS	**2,099**	**8,670**	**-6,571**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR OTTAWA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Craig	276	217	59
Delaware	407	151	256
Mayes	33	4	29
Rogers	25	8	17
Tulsa	22	62	-40
Washington	21	12	9
Other	17	80	-63
In State Totals	801	534	267
OUT OF STATE			
Cherokee, KS	536	301	235
Jasper, MO	99	268	-169
Labette, KS	28	92	-64
McDonald, MO	12	14	-2
Newton, MO	242	105	137
Other	29	62	-33
Out of State Totals	946	842	104
TOTALS	**1,747**	**1,376**	**371**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR PAWNEE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Creek	111	142	-31
Kay	0	29	-29
Noble	24	86	-62
Oklahoma	16	20	-4
Osage	308	219	89
Payne	28	277	-249
Tulsa	59	1,452	-1,393
Other	67	76	-9
In State Totals	613	2,301	-1,688
OUT OF STATE			
Out of State Totals	35	36	-1
TOTALS	**648**	**2,337**	**-1,689**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR PAYNE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Alfalfa	8	28	-20
Cherokee	14	21	-7
Cleveland	47	64	-17
Creek	135	124	11
Garfield	38	61	-23
Kay	24	143	-119
Kingfisher	0	33	-33
Lincoln	782	141	641
Logan	119	163	-44
Mayes	25	11	14
Noble	421	504	-83
Oklahoma	151	342	-191
Okmulgee	15	18	-3
Osage	33	22	11
Pawnee	277	28	249
Pottawatomie	37	9	28
Tulsa	169	295	-126
Other	111	208	-97
In State Totals	2,406	2,215	191
OUT OF STATE			
Out of State Totals	112	96	16
TOTALS	**2,518**	**2,311**	**207**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR PITTSBURG COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	86	28	58
Bryan	27	25	2
Choctaw	23	10	13
Coal	81	12	69
Haskell	250	70	180
Hughes	158	75	83
Latimer	282	67	215
LeFlore	57	16	41
McIntosh	187	374	-187
Muskogee	0	64	-64
Oklahoma	12	98	-86
Okmulgee	38	8	30
Pushmataha	10	26	-16
Tulsa	39	79	-40
Other	83	130	-47
In State Totals	1,333	1,082	251
OUT OF STATE			
Out of State Totals	61	124	-63
TOTALS	**1,394**	**1,206**	**188**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR PONTOTOC COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	40	21	19
Coal	138	29	109
Garvin	87	183	-96
Hughes	143	92	51
Johnston	76	42	34
McClain	46	14	32
Marshall	6	19	-13
Murray	50	100	-50
Oklahoma	31	210	-179
Pottawatomie	39	43	-4
Seminole	272	173	99
Tulsa	6	31	-25
Other	54	217	-163
In State Totals	988	1,174	-186
OUT OF STATE			
Out of State Totals	82	59	23
TOTALS	**1,070**	**1,233**	**-163**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR POTTAWATOMIE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cleveland	99	426	-327
Hughes	31	0	31
Lincoln	561	204	357
McClain	14	36	-22
Okfuskee	115	0	115
Oklahoma	221	4,399	-4,178
Payne	9	37	-28
Pontotoc	43	39	4
Seminole	380	691	-311
Stephens	0	51	-51
Tulsa	0	71	-71
Other	116	176	-60
In State Totals	1,589	6,130	-4,541
OUT OF STATE			
Out of State Totals	30	76	-46
TOTALS	**1,619**	**6,206**	**-4,587**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR PUSHMATAHA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Atoka	18	27	-9
Choctaw	126	272	-146
Latimer	29	26	3
Le Flore	25	55	-30
McCurtain	42	91	-49
Pittsburg	26	10	16
Other	49	88	-39
In State Totals	315	569	-254
OUT OF STATE			
Out of State Totals	42	68	-26
TOTALS	**357**	**637**	**-280**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR ROGER MILLS COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	117	201	-84
Custer	56	54	2
Dewey	39	77	-38
Ellis	5	0	5
Washita	65	24	41
Other	54	43	11
In State Totals	336	399	-63
OUT OF STATE			
Hemphill, TX	0	15	-15
Wheeler, TX	55	5	50
Other	16	8	8
Out of State Totals	71	28	43
TOTALS	**407**	**427**	**-20**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR ROGERS COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	58	12	46
Craig	161	244	-83
Creek	60	39	21
Delaware	37	0	37
Mayes	368	297	71
Muskogee	7	49	-42
Nowata	115	29	86
Osage	63	34	29
Ottawa	8	25	-17
Tulsa	1,982	8,813	-6,831
Wagoner	312	52	260
Washington	87	40	47
Other	35	94	-59
In State Totals	3,293	9,728	-6,435
OUT OF STATE			
Out of State Totals	141	67	74
TOTALS	**3,434**	**9,795**	**-6,361**

Source: Census of Population, 1980; Number of Workers by County of Work.

COMMUTING PATTERNS FOR SEMINOLE COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cleveland	33	65	-32
Garvin	19	10	9
Hughes	311	158	153
Lincoln	28	75	-47
Logan	0	31	-31
Okfuskee	32	64	-32
Oklahoma	78	600	-522
Okmulgee	24	15	9
Pontotoc	173	272	-99
Pottawatomie	691	380	311
Other	16	157	-141
In State Totals	1,405	1,827	-422
OUT OF STATE			
Out of State Totals	25	73	-48
TOTALS	**1,430**	**1,900**	**-470**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR SEQUOYAH COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Adair	48	17	31
Cherokee	29	86	-57
Haskell	37	0	37
Le Flore	100	82	18
McIntosh	0	28	-28
Muskogee	155	337	-182
Tulsa	0	61	-61
Other	67	88	-21
In State Totals	436	699	-263
OUT OF STATE			
Crawford, AR	59	83	-24
Sebastian, AR	108	2,911	-2,803
Washington, AR	43	11	32
Other	58	103	-45
Out of State Totals	268	3,108	-2,840
TOTALS	**704**	**3,807**	**-3,103**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR STEPHENS COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Caddo	40	32	8
Carter	143	277	-134
Cleveland	19	25	-6
Comanche	300	394	-94
Cotton	98	54	44
Garvin	66	48	18
Grady	363	189	174
Jefferson	292	112	180
Oklahoma	29	33	-4
Pottawatomie	51	0	51
Other	199	144	55
In State Totals	1,600	1,308	292
OUT OF STATE			
Out of State Totals	17	106	-89
TOTALS	**1,617**	**1,414**	**203**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR TEXAS COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beaver	48	45	3
Cimarron	28	26	2
Other	63	42	21
In State Totals	139	113	26
OUT OF STATE			
Hansford, TX	111	59	52
Morton, KS	14	18	-4
Ochiltree, TX	10	13	-3
Seward, KS	43	556	-513
Sherman, TX	24	88	-64
Stevens, KS	0	32	-32
Other	63	82	-19
Out of State Totals	265	848	-583
TOTALS	**404**	**961**	**-557**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR TILLMAN COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Comanche	51	139	-88
Cotton	22	4	18
Jackson	32	79	-47
Kiowa	94	42	52
Other	37	32	5
In State Totals	236	296	-60
OUT OF STATE			
Wichita, TX	12	90	-78
Wilbarger, TX	26	64	-38
Other	9	38	-29
Out of State Totals	47	192	-145
TOTALS	**283**	**488**	**-205**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR TULSA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Adair	33	24	9
Atoka	24	14	10
Cherokee	336	35	301
Cleveland	77	22	55
Craig	94	27	67
Creek	9,206	1,241	7,965
Delaware	275	0	275
Kay	7	60	-53
Le Flore	24	34	-10
Lincoln	66	0	66
McCurtain	18	20	-2
McIntosh	127	0	127
Mayes	1,181	231	950
Muskogee	852	115	737
Nowata	88	12	76
Okfuskee	105	0	105
Oklahoma	149	376	-227
Okmulgee	1,807	146	1,661
Osage	5,696	599	5,097
Ottawa	62	22	40
Pawnee	1,452	59	1,393

TULSA COUNTY Cont. page 2

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Payne	295	169	126
Pittsburg	79	39	40
Pontotoc	31	6	25
Pottawatomie	71	0	71
Rogers	8,813	1,982	6,831
Sequoyah	61	0	61
Wagoner	9,491	528	8,963
Washington	522	304	218
Other	317	129	188
In State Totals	41,359	6,194	35,165
OUT OF STATE			
Benton, AR	38	8	30
Dallas, TX	178	140	38
Sebastian, AR	4	54	-50
Sedgwick, KS	48	41	7
Tarrant, TX	67	13	54
Washington, AR	42	12	30
Other	1,719	1,051	668
Out of State Totals	2,096	1,319	777
TOTALS	**43,455**	**7,513**	**35,942**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR WAGONER COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Cherokee	243	114	129
Craig	31	13	18
Creek	49	0	49
McIntosh	27	16	11
Mayes	61	117	-56
Muskogee	266	1,358	-1,092
Okmulgee	32	17	15
Osage	2	39	-37
Rogers	52	312	-260
Tulsa	528	9,491	-8,963
Washington	27	0	27
Other	51	131	-80
In State Totals	1,369	11,608	-10,239
OUT OF STATE			
Out of State Totals	36	99	-63
TOTALS	**1,405**	**11,707**	**-10,302**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR WASHINGTON COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Craig	64	10	54
Nowata	604	115	489
Osage	1,059	749	310
Ottawa	12	21	-9
Rogers	40	87	-47
Tulsa	304	522	-218
Wagoner	0	27	-27
Other	133	31	102
In State Totals	2,216	1,562	654
OUT OF STATE			
Chautauqua, KS	14	0	14
Montgomery, KS	267	109	158
Other	193	172	21
Out of State Totals	474	281	193
TOTALS	**2,690**	**1,843**	**847**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR WASHITA COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	216	475	-259
Caddo	30	99	-69
Custer	157	445	-288
Greer	12	0	12
Jackson	38	11	27
Kiowa	142	182	-40
Oklahoma	37	4	33
Roger Mills	24	65	-41
Other	72	62	10
In State Totals	728	1,343	-615
OUT OF STATE			
Out of State Totals	13	55	-42
TOTALS	**741**	**1,398**	**-657**

Source: Census of Population, 1980· Number of Workers by County of Work.

COMMUTING PATTERNS FOR WOODS COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Alfalfa	57	203	-146
Garfield	28	34	-6
Harper	0	70	-70
Major	3	43	-40
Woodward	43	78	-35
Other	107	51	56
In State Totals	238	479	-241
OUT OF STATE			
Barber, KS	16	98	-82
Other	35	59	-24
Out of State Totals	51	157	-106
TOTALS	**289**	**636**	**-347**

Source: Census of Population, 1980: Number of Workers by County of Work.

COMMUTING PATTERNS FOR WOODWARD COUNTY: 1980

COUNTY	IN COMMUTERS	OUT COMMUTERS	NET COMMUTERS
IN STATE			
Beckham	20	46	-26
Caddo	8	25	-17
Dewey	69	191	-122
Ellis	258	139	119
Garfield	10	39	-29
Harper	161	593	-432
Major	12	45	-33
Oklahoma	21	37	-16
Woods	78	43	35
Other	163	61	102
In State Totals	800	1,219	-419
OUT OF STATE			
Lipscomb, TX	8	45	-37
Ochiltree, TX	13	37	-24
Other	57	108	-51
Out of State Totals	78	190	-112
TOTALS	**878**	**1,409**	**-531**

Source: Census of Population, 1980: Number of Workers by County of Work.